

METHOD AND SYSTEM FOR DETERMINING TIME-PHASED PRODUCT SALES
FORECASTS AND PROJECTED REPLENISHMENT SHIPMENTS FOR A
RETAIL STORE SUPPLY CHAIN

Abstract:

A time-phased forecasting and replenishment system (20) for retail organizations which can be used for inventory management and financial management. One or more computers (28) create time-phased plans for one or more retail facilities, such as various types of retail stores (23) and/or various types of suppliers (24). The system calculates projected sales for each product at each facility and calculates projected replenishment shipments between facilities and suppliers a specified number of weeks into the future. The calculated forecasts and replenishments are done in ways that account for the unique needs of retail organizations, and allow efficient processing and storage of the large data volumes typical in many retail organizations.

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